

03 - Global VSP Overview

Import .dxf File

- With VSP open, maximize the **Vsaml1** window by clicking on the **Maximize Button** in the upper right hand corner of the window.
- From the main menu, choose **Map**, then click on **Load DXF**. A Load DXF File dialog box will appear.
- Select **Millsite.dxf** and then click **Open**.
- You can enlarge the map by first clicking on the **Zoom In** icon (magnifying glass with a plus sign in it) and then clicking on the map until it reaches the desired size. Remember to deselect Zoom In by clicking on the icon again.
- Close the Vsaml1 box without saving the changes.

Create a New Map

- With VSP open, from the main menu select **File**, then **New Project**.
- Maximize the **Vsaml2** window by clicking on the **Maximize Button** in the upper right hand corner of the window.
- From the main menu, choose **Map**, then select Draw MARSSIM Room.
- Using the keyboard, enter the length, width, and height of the room. For example, enter **30x40x10** to represent a room that is 30 feet long, 40 feet wide, and 10 feet high.
- Answer **Yes** to the query **Include ceiling?**

Map/Graph/Report/Coordinates Views

- From the main menu, select **View**. Then select from **Map, Graph, Report,** or **Coordinates** views.
- To see multiple views simultaneously select:
 - **Window**, then **Double Window** to see the **Map** and **Graph** views
 - **Window**, then **Triple Window** to the **Map, Graph,** and **Report** views.
 - **Window**, then Quad Window to see all four views.

Select a Sampling Design

- From the main menu, select **Sampling Designs**.
- Choose either **Simple Random Sample, Systematic Grid Sampling,** or **Judgmental Sampling**.
- Both **Simple Random Sample** and **Systematic Grid Sampling** designs have **Parametric, Nonparametric,** and **Predetermined** options. **Systematic Grid Sampling** also has a **Locating Hot Spots** option.
- Further down the menu structure, there are one- and two-sample options for most sampling designs.
- Each sampling design has a dialog box that asks for inputs from the user. These most often include:
 - The Type I Error Rate (Alpha)
 - The Type II Error Rate (Beta)
 - The Width of the Gray Region (Delta)
 - The Action Level
 - The Estimated Standard Deviation

More....

- VSP has *many* other features to help you create and compare sampling designs. Check out **Edit, Sample Areas** or **Options, Graphs** to what else you can do.